

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

April 26, 1985

TELEPHONE
(704) 373-4531

Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Re: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414
Annual Non-Radiological Environmental Operating Report

Dear Dr. Grace:

The Catawba Nuclear Station Environmental Protection Plan (EPP), Appendix B to the Catawba Operating License, requires an Annual Environmental Operating Report. This report is contained in Attachments 1 through 5 as indicated below:

Attachment 1 - Summaries and analyses of results of activities required by Section 4.2 of the EPP.

Attachment 2 - List of EPP non-compliance and corrective actions.

Attachment 3 - List of changes in station design or operation, tests and experiments which involve a potentially significant unreviewed environmental issue.

Attachment 4 - List of non-routine reports submitted in accordance with Section 5.4.2 of the EPP.

Attachment 5 - Summary list of NPDES reports related to matters identified in Section 2.1 of the EPP.

This report covers the calendar year 1984 for the Catawba Nuclear Station. Please advise if there are questions concerning this report.

Very truly yours,

H.B. Tucker / HBT

Hal B. Tucker

WLH:slb

Attachments

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Dr. J. Nelson Grace, Regional Administrator
April 26, 1985
Page Two

cc: Document Control Desk (18 copies)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC Resident Inspector
Catawba Nuclear Station

Robert Guild, Esq.
P. O. Box 12097
Charleston, South Carolina 29412

Palmetto Alliance
2135½ Devine Street
Columbia, South Carolina 28205

Mr. Jesse L. Riley
Carolina Environmental Study Group
854 Henley Place
Charlotte, North Carolina 28207

Attachment 1
Catawba Nuclear Station

Summaries and analyses of results of activities required by
Section 4.2 of the EPP.

Section 4.2.1 Aerial Remote Sensing

During late summer 1984, a series of infrared photographs (1 inch = 500 ft.) were made of land areas around Catawba (approximately 1 sq. mi.). These photos will provide baseline preoperational data on the general condition of area vegetation. A similar set of photographs were obtained in 1983. Data will be obtained again in 1985 and an initial report submitted as part of the 1986 Catawba Annual Environmental Operating Report.

Section 4.2.2 Sound Level Surveys

No operational sound level surveys were made during 1984 as the station was not operating during the year. Surveys are planned for 1985 and will be compared to those made during pre-operational years.

Complaint 1: On October 25, 1984 at 11 P.M., Mrs. Angie Garrett of 4255 Whistlestop Drive contacted the station to complain about the continual noise or "hum" coming from the plant. Scotty Bradshaw sent someone from operations to the area where Mrs. Garrett lives to listen for this "hum". They were not able to detect any noises outside the usual night sounds. As a follow-up, I contacted Mrs. Garrett at 6 on October 26 to tell her what action had been taken the night before, to further inquire as to the nature of the noise and to offer to do noise monitoring at her home if the noise persisted (Mrs. Garrett had made a similar complaint in 1983).

The cooling tower fans were not in operation at that time, it was a clear night and the hum she heard might have been due to the exhaust fans used for ventilation in the turbine buildings.

Attachment 2
Catawba Nuclear Station

EPP Non-compliances and Corrective Actions

None

Attachment 3
Catawba Nuclear Station

Changes in Station Design or Operation, Tests and Experiments Which
Involve a Potentially Significant Unreviewed Environmental Issue

None

Attachment 4
Catawba Nuclear Station

Non-routine Reports Submitted in Accordance with Section 5.4.2 of EPP

None

Attachment 5
Catawba Nuclear Station

NPDES Reports Related to Matters Identified in Section 2.1 of the EPP

Discharge Monitoring Reports:

- Submittals on 1) July 26, 1984 covering April through June 1984 and
2) October 26, 1984 covering July through September 1984.

Non-compliance Notifications:

Submittal on October 11, 1984 reporting a sodium hypochlorite spill
on October 10, 1984.

Permit Re-issuance:

Approved on June 21, 1984 by S. C. Department of Health and Environmental
Control to be effective August 1, 1984.